

Notice of Allowability	Application No.	Applicant(s)	
	10/091,942	GAN ET AL.	
	Examiner	Art Unit	
	Matthew E Warren	2815	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the After-Final Amendment filed on August 18, 2004.
2. ☒ The allowed claim(s) is/are 1-4, 7, 8, 10-13 and 28-31.
3. ☒ The drawings filed on 1/14/04 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

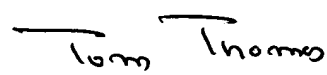
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |


TOM THOMAS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

DETAILED ACTION

This Office Action is in response to the After Final Amendment filed on August 18, 2004.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jiawei Huang on September 2, 2004.

The application has been amended as follows:

In claim 1, line 3, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - -conductivity- - .

In claim 1, line 5, between the first occurrence of the words "first" and "type" delete the (-) sign and insert in its place - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - -conductivity- -.

In claim 1, line 6, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - -conductivity- -.

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In claim 1, line 7, between the words "second" and "type" insert - - conductivity - -
and between the first occurrence of the words "first" and "type" insert - - conductivity - - .

In claim 1, line 9, between the words "first" and "type" insert - - conductivity - - .

In claim 1, line 10, between the words "first" and "type" insert - - conductivity - - .

In claim 1, line 11, between the words "second" and "type" insert - - conductivity
- - .

In claim 1, line 12, between the words "second" and "type" insert - - conductivity
- - .

In claim 2, line 2, between the words "second" and "type" insert - - conductivity
- - .

In claim 3, line 2, between the words "second" and "type" insert - - conductivity
- - .

In claim 4, line 2, between the words "second" and "type" insert - - conductivity
- - .

In claim 7, line 2, between the words "first" and "type" insert - - conductivity - - .

In claim 8, line 2, between the words "first" and "type" insert - - conductivity - -
and between the words "second" and "type" insert - - conductivity - - .

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In claim 10, line 3, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - -conductivity- - .

In claim 10, line 5, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 10, line 6, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 10, line 7, between the words "second" and "type" insert - - conductivity - - and between the first occurrence of the words "first" and "type" insert - - conductivity - - .

In claim 10, line 9, between the words "first" and "type" insert - - conductivity - - .

In claim 11, line 1, between the words "first" and "type" insert - - conductivity - - .

In claim 11, line 2, between the words "second" and "type" insert - - conductivity - - .

In claim 12, line 2, between the words "second" and "type" insert - - conductivity - - .

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In claim 13, line 2, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 28, line 2, between the words "second" and "type" insert - - conductivity - - .

In claim 29, lines 1 and 2, between the words "first" and "type" insert - - conductivity - - .

In claim 29, line 3, between the words "first" and "type" insert - - conductivity - - .

In claim 30, line 3, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 31, line 3, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 31, line 5, line 5, between the first occurrence of the words "first" and "type" delete the (-) sign and insert in its place - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - -conductivity- - .

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In claim 31, line 6, between the first occurrence of the words "first" and "type" insert - - conductivity - - and between the second occurrence of the words "first" and "type" also insert - - conductivity - - .

In claim 31, line 7, between the words "second" and "type" insert - - conductivity - - and between the first occurrence of the words "first" and "type" insert - - conductivity - - .

In claim 31, line 9, between the words "first" and "type" insert - - conductivity - - .

In claim 31, line 10, between the words "first" and "type" insert - - conductivity - - .

In claim 31, line 11, between the words "second" and "type" insert - - conductivity - - .

In claim 31, line 12, between the words "first" and "type" delete the (-) sign and insert in its place - - conductivity - - .

In claim 31 line 13, between the words "first" and "type" delete the (-) sign and insert in its place - - conductivity - - .

Conclusion

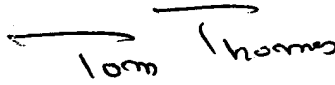
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew E Warren whose telephone number is (571) 272-1737. The examiner can normally be reached on Mon-Thur and alternating Fri 9:00-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on (571) 272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MEW
MEW
September 3, 2004


TOM THOMAS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800